

# A NEW CAMPYLOCENTRUM FROM THE DOMINICAN REPUBLIC

BY  
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THE SARCANTHINAE of the West Indies consist of several genera in which some of the species are aphyllous and in flower-structure call to mind the Old World species of *Angraecum* and its allies. An altogether puzzling species of this alliance has been received from the Dominican Republic where it was collected by L. Ariza Julia near La Romana. The flowers are angraecoid in appearance, resembling somewhat the flowers of *Mystacidium distichum*, yet they exhibit the distinctive characters of *Campylocentrum*, differing from the known West Indian species in having an elongated slender spur. From specimens preserved in alcohol the roots appear to have been greenish and doubtless possess chlorophyll as is true of species of *Taeniophyllum*, exercising the functions associated with foliar structures. The abbreviated stems are concealed by the mass of these roots from among which the flower-shoots emerge. From the specimens examined it would seem that the flowers open in succession, only one flower being expanded while the succeeding ones are still in bud.

## ***Campylocentrum Ariza-Juliae* Ames sp. nov.**

Herba epiphytica, perpusilla, acaulis, aphylla. Radices vermiformes, elongatae, dense fasciculatae. Pseudobulbus nullus. Scapi adscendentes, graciles, pauciflori. Flores mediocres, in scapo solitarii vel pauci, verisimiliter succedanei. Sepala oblonga, supra medium leviter attenuata, apice valde incrassata, trinervia. Sepalum dorsale simile. Petala oblonga, trinervia, incrassata, acuta. Labellum indivisum, valde concavum, acutum, in calcar

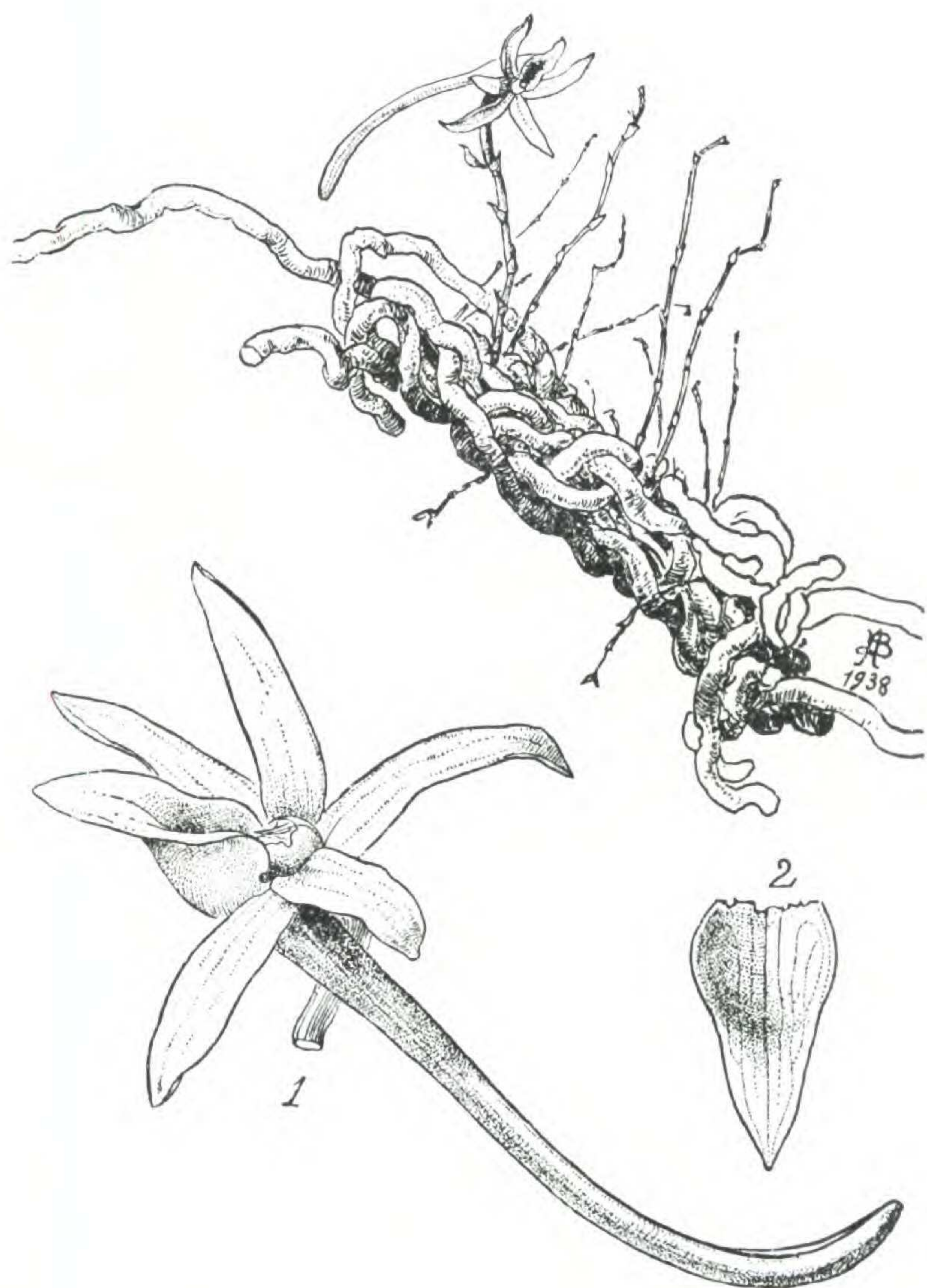


### EXPLANATION OF THE ILLUSTRATION

CAMPYLOCENTRUM ARIZA-JULIAE *Ames*. Plant drawn natural size from a specimen preserved in alcohol. 1, flower much enlarged. 2, labellum about three times natural size.

*Drawn April 1938 by* BLANCHE AMES











elongatum cylindraceum productum. Columna generis. Pollinia duo.

A leafless epiphyte with tangled vermiform roots. Roots 2–4 mm. in diameter, elongated, greenish white, closely appressed in a tangled mass to twigs and branches of trees. Scapes up to 4 cm. long, the older ones persisting, seeming to spring from the roots, slender, bearing several sheathing bracts which are about 2 mm. long and acute at the apex. Ovary sharply arcuate above the middle, verruculose. Flowers few, light yellowish green, opening in succession. Sepals and petals spreading, similar, about 8 mm. long, about 1 mm. wide, oblong, narrowed toward the tip, acute, 3-nerved, rather fleshy. Labellum simple, produced at base into an elongated slender cylindrical spur which is about 15–19 mm. long; above the spur the labellum is trulliform, about 6 mm. long, strongly concave, fleshy, acute, ecallose. Column abbreviated. Pollinia two, rounded.

HISPANIOLA: Dominican Republic, near La Romana. Leafless orchid with light yellowish flowers. April 1937. *L. Ariza Julia s.n.* (TYPE in Herb. Ames No. 46738).